



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>NNI-0043</b>	Application No. <b>10/825,043</b>
	Applicant <b>Mark Edward Riehl, et al.</b>	
	Filing Date <b>April 15, 2004</b>	Group <b>3735</b>
	Confirmation No. <b>7399</b>	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

/CDH /	1	Baudewig, J. et al., "Functional MRI of Cortical Activations Induced by Transcranial Magnetic Stimulation(TMS)", <i>Brain Imaging-NeuroReport</i> , <b>2001</b> , 12(16), 3543-3548
	2	Bohning, D.E. Ph.D. et al., "BOLD-fMRI Response to Single-Pulse Transcranial Magnetic Stimulation (TMS)", <i>Journal of Magnetic Resonance Imaging</i> , <b>2000</b> , 11, 569-574
	3	Bohning, D.E. Ph.D. et al., "A Combined TMS/fMRI Study of Intensity-Dependant TMS over Motor Cortex", <i>Society of Biological Psychiatry</i> , <b>1999</b> , 45, 385-394
	4	Bohning, D.E. et al., "A TMS Coil Positioning/Holding System for MR Image-Guided TMS Interleaved with fMRI", <i>Clinical Neurophysiology</i> , <b>2003</b> , 114, 2210-2219
	5	George, M.S. et al., "A Controlled Trial of Daily Left Prefrontal Cortex TMS for Treating Depression", <i>Society of Biological Psychiatry</i> , <b>2000</b> , 48, 962-970
	6	Grafman, J. Ph.D., "TMS as a Primary Brain Mapping Tool" <i>Transcranial Magnetic Stimulation in Neuropsychiatry</i> , <b>2000</b> , 115-140
	7	Lisanby, S.H. et al., "Sham TMS: Intracerebral Measurement of the Induced Electrical Field and the Induction of Motor-Evoked Potentials", <i>Society of Biological Psychiatry</i> , <b>2001</b> , 49, 460-463
	8	Lorberbaum, J.P., M.D. et al., "Safety Concerns of TMS", <i>Transcranial Magnetic Stimulation in Neuropsychiatry</i> , <b>2000</b> , 141-161
	9	Loo, C.K. et al., "Transcranial Magnetic Stimulation (TMS) in Controlled Treatment Studies: Are Some "Sham" Forms Active?", <i>Society of Biological Psychiatry</i> , <b>2000</b> , 47, 325-331
	10	Nahas, Z. et al., "Left Prefrontal Transcranial Magnetic Stimulation(TMS) Treatment of Depression in Bipolar Affective Disorder: A Pilot Study of Acute Safety and Efficacy", <i>Bipolar Disorders</i> , <b>2003</b> , 5, 40-47
EXAMINER	/Christine D. Hopkins/	
	DATE CONSIDERED	07/21/2008

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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
/CDH /	11	Nahas, Z. et al., "Unilateral Left Prefrontal Transcranial Magnetic Stimulation(TMS) Produces Intensity-Dependent Bilateral Effects as Measured by Interleaved BOLD fMRI", <i>Society of Biological Psychiatry</i> , <b>2001</b> , 50, 712-720	
	12	Nahas, Z. et al., "Safety and Feasibility of Repetitive Transcranial Magnetic Stimulation in the Treatment of Anxious Depression in Pregnancy: A Case Report", <i>J. Clin Psychiatry</i> , <b>January 1999</b> , 60, 50-52	
	13	Ruohonen, J., "Electroencephalography Combined with TMS", BioMag Laboratory, Helsinki University Central Hospital, <a href="http://www.biomag.helsinki.fi/tms/TMSEEG.html">http://www.biomag.helsinki.fi/tms/TMSEEG.html</a> , <b>October 6, 1999</b> , 22 pages	
	14	Greene, YM., APA Meeting, Electromagnetic Stimulation Relieves Depression", <a href="http://HealthyPlace.com">http://HealthyPlace.com</a> , <b>May 17, 1999</b> , 3 pages	
	15	Garcia-Toro, M. et al., "Modest Adjunctive Benefit with Transcranial Magnetic Stimulation in Medication-Resistant Depression", <i>Journal of Affective Disorders</i> , <b>2001</b> , 64, 271-275	
	16	George, M.S. "New Methods of Minimally Invasive Brain Modulation as Therapies in Psychiatry: TMS,MST,VNS and DBS", <i>Chinese Medical Journal (Taipei)</i> , <b>2002</b> , 65, 349-360	
	17	Lisanby, S.H. MD. et al., "Magnetic Seizure Therapy of Major Depression", <i>Arch Gen Psychiatry</i> , <b>2001</b> , 58, 303-307	
	18	Lisanby, S.H., "Safety and Feasibility of Magnetic Seizure Therapy(MST) in Major Depression: Randomized Within-Subject Comparasion with Electroconvulsive Therapy", <i>Neuropsychopharmacology</i> , <i>New York State Psychiatric Institute</i> , <b>2003</b> , 28, 1852-1865	
	19	Lisanby, S.H., "Update on Magnetic Seizure Therapy: A Novel Form of Convulsive Therapy", <i>The Journal of ECT</i> , <b>2002</b> , 18, 182-188	
	20	Pridmore, S., "Rapid Transcranial Magnetic Stimulation and Normalization of the Dexamethasone Suppression Test", <i>Psychiatry and Clinical Neurosciences</i> , <b>1999</b> , 53, 33-37	
EXAMINER	/Christine D. Hopkins/		DATE CONSIDERED 07/21/2008

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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
/CDH	21	Roth, Y. et al., "A Coil Design for Transcranial Magnetic Stimulation of Deep Brain Regions", <i>Journal of Clinical Neurophysiology</i> , <b>2002</b> , 19(4), 361-370	
/CDH	22	Terrace, H.S. et al., "The Cognitive Effects of Electroconvulsive Shock and Magnetic Seizure Therapy in Rhesus Monkeys", <i>Society for Neuroscience Abstract Viewer and Itinerary Planner</i> , <b>2002</b> , <b>ABSTRACT ONLY # 536.7</b>	
/CDH	23	Trivedi, M.H., MD., "Treatment-Resistant Depression: New Therapies on the Horizon", <i>Annals of Clinical Psychiatry</i> , <b>2003</b> , 15(1), 59-70	
/CDH	24	Hess, C.W. et al., "Magnetic Stimulation of the Human Brain: Influence of Size and Shape of the Stimulating Coil", <i>Motor Disturbances II</i> , <b>1990</b> , 3, 31-42	
/CDH	25	Wassermann, E.M., "Repetitive Transcranial Magnetic Stimulation: An Introduction and Overview", <i>CNS Spectrums, The International Journal of Neuropsychiatric Medicine</i> , <b>January 1997</b> , 7 pages	
<b>EXAMINER</b> /Christine D. Hopkins/		<b>DATE CONSIDERED</b> 07/21/2008	

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### U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/CDH /	26	6,484,059 B2	11/19/02	Gielen	607	45
	27	6,463,328 B1	10/08/02	John	607	45
	28	6,179,771 B1	01/30/01	Mueller	600	13
	29	6,571,123 B2	05/27/03	Ives, et al.	600	544
	30	2003/0023159 A1	01/30/03	Tanner	600	417
	31	2003/0050527 A1	03/13/03	Fox, et al.	600	13
	32	2003/0073899 A1	04/17/03	Ruohonen, et al.	600	417
	33	6,516,288 B2	02/04/03	Bagne	702	179
	34	6,560,490 B2	05/06/03	Grill, et al.	607	72
	35	6256,531 B1	07/03/01	Ilmoniemi, et al.	600	544

### FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	36	WO 02/032504 A2	04/25/02	PCT		
	37	WO 02/094997 A2	11/28/02	PCT		
	38	WO 02/085449 A2	10/31/02	PCT		
	39	WO 01/97906 A2	12/27/01	PCT		
↓	40	WO 02/089902 A2	11/14/02	PCT		

EXAMINER /Christine D. Hopkins/

DATE CONSIDERED

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**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
/CDH /	41	2002/0087201 A1	07/04/02	Firlik, et al.	607	45
	42	6,516,213 B1	02/04/03	Nevo	600	424
	43	2003/0130706 A1	07/10/03	Sheffield, et al.	607	46
	44	2002/0091419 A1	07/11/02	Firlik, et al.	607	45
	45	2003/0004392 A1	01/02/03	Tanner, et al.	600	9
	46	2003/0023159 A1	01/30/03	Tanner	600	417
	47	2003/0065243 A1	04/03/03	Tanner	600	9
	48	2003/0088274 A1	05/08/03	Gliner, et al.	607	3
	49	2003/0082507 A1	05/01/03	Stypulkowski	434	262
	50	2003/0097161 A1	05/22/03	Firlik, et al.	607	72

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	51	WO 03/035163 A2	05/01/03	PCT		
	52	WO 99/064884	12/16/99	PCT		
	53	WO 02/072194 A2	09/19/02	PCT		
	54	EP 0 998 958 A3	05/10/00	EPO		

**EXAMINER** /Christine D. Hopkins/

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Examiner Initial		Document No.	Date	Name	Class	Subclass
/CDH /	<b>55</b>	2003/0125786 A1	07/03/03	Gliner, et al.	607	116
	<b>56</b>	2004/0019370 A1	01/29/04	Gliner, et al.	607	48
	<b>57</b>	5,828,770	10/27/98	Leis, et al.	382	103
	<b>58</b>	5,923,417	07/13/99	Leis	356	141.1
	<b>59</b>	6,061,644	05/09/00	Leis	702	153
	<b>60</b>	6,288,785 B1	09/11/01	Frantz, et al.	356	614
	<b>61</b>	6,553,326 B1	04/22/03	Kirsch, et al.	702	65
	<b>62</b>	6,625,563 B2	09/23/03	Kirsch, et al.	702	150
	<b>63</b>	5,655,534	08/12/97	Ilmoniemi	128	653.1
	<b>64</b>	6,256,531 B1	07/03/01	Ilmoniemi, et al.	600	544

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	<b>65</b>	WO 03/098268 A1	11/27/03	PCT		
	<b>66</b>	WO 02/085454 A1	10/31/02	PCT		
	<b>67</b>	WO 05/065768 A1	07/21/05	PCT		
	<b>68</b>	WO 05/067610 A2	07/28/05	PCT		
	<b>69</b>	WO 2005/000401 A1	01/06/05	PCT		

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**3735**

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**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
/CDH /	70	6,537,197 B1	03/25/03	Ruohonen, et al.	600	13
	71	5,299,569	04/05/94	Wernicke, et al.	607	45
	72	2005/0021104	01/27/05	DiLorenzo	607	45
	73	6,497,648 B1	12/24/02	Rey	600	14
	74	6,389,318 B1	05/14/02	Zarinetchi, et al.	607	61
	75	5,097,833	03/24/92	Campos	128	421
	76	3,683,923	08/15/72	Anderson	128	303.14
	77	6,827,681 B2	12/07/04	Tanner, et al.	600	9
	78	2004/0153129 A1	08/05/04	Pless, et al.	607	62
✓	79	6,849,040 B2	02/01/05	Ruohonen, et al.	600	14

**FOREIGN PATENT DOCUMENTS**

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					YES	NO

**EXAMINER** /Christine D. Hopkins/

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**3735**

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**7399**

**U.S. PATENT DOCUMENTS**

/CDH /	<b>80</b>	2004/0051279 A1	03/2004	Grant, et al.	280	638
	<b>81</b>	2004/0077923 A1	04/2004	Frimerman, et al.	600	13
	<b>82</b>	2004/0138524 A1	07/2004	Ueda, et al.	600	102
	<b>83</b>	2004/0172012 A1	09/2004	Otsuka, et al.	606	1
	<b>84</b>	2004/0193001 A1	09/2004	Miller	600	9
	<b>85</b>	4,473,074	09/1984	Vassiliadis	128	303.1
	<b>86</b>	4,638,798	01/1987	Shelden, et al.	128	303
	<b>87</b>	5,254,123	10/1993	Bushey	606	130
	<b>88</b>	5,725,471	03/1998	Davey, et al.	600	13
	<b>89</b>	5,812,301	09/1998	Nakamura, et al.	359	384
	<b>90</b>	5,820,623	10/1998	Ng	606	1
	<b>91</b>	6,086,525	07/2000	Davey, et al.	600	13
	<b>92</b>	6,210,317 B1	04/2001	Bonlie, et al.	600	9
	<b>93</b>	6,279,579 B1	08/2001	Riaziat, et al.	128	897
<b>EXAMINER</b>	/Christine D. Hopkins/			<b>DATE CONSIDERED</b>	07/21/2008	



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**3735**

Confirmation No.  
**7399**

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
/CDH /	<b>94</b>	2005/0256539 A1	11/2005	George, et al.	607	2
	<b>95</b>	6,978,179 B1	12/20/05	Flagg, et al.	607	45
	<b>96</b>	2005/0228209 A1	10/13/05	Schneider, et al.	600	13
	<b>97</b>	2004/0153129 A1	08/05/04	Pless, et al.	607	62
	<b>98</b>	2004/0077921 A1	04/22/04	Becker, et al.	600	9
	<b>99</b>	2005/0021104 A1	01/27/05	DiLorenzo	607	45
	<b>100</b>	5,097,833	03/24/92	Campos	128	421
	<b>101</b>	5,299,569	04/05/94	Wernicke, et al.	607	45
	<b>102</b>	6,389,318 B1	05/14/02	Zarinetchi, et al.	607	61
	<b>103</b>	6,497,648 B1	12/24/02	Rey	600	14

**FOREIGN PATENT DOCUMENTS**

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/CDH /	<b>104</b>	6,551,233 B2	04/22/03	Perreault, et al.	600	9
/CDH /	<b>105</b>	6,827,681 B2	12/07/04	Tanner, et al.	600	9
/CDH /	<b>106</b>	6,849,040 B2	02/01/05	Ruohonen, et al.	600	14
/CDH /	<b>107</b>	5,855,582	01/05/99	Gildenberg, P.L.	606	130
/CDH /	<b>108</b>	5,370,117	12/0694	McLaurin, R.L. Jr.	128	653.1
/CDH /	<b>109</b>	6,418,345 B1	07/09/02	Tepper, et al.	607	51

**FOREIGN PATENT DOCUMENTS**

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					YES	NO

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		Confirmation No. <b>7399</b>	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
/CDH /	<b>110</b>	Awiszus, F. et al., "Characterization of Paired-Pulse Transcranial Magnetic Stimulation Conditions Yielding Intracortical Inhibition of I-Wave Facilitation using a Threshold Paradigm", <i>Experimental Brain Research</i> , <b>1999</b> , 129, 317-324	
/CDH /	<b>111</b>	Keiji, I. et al., "Effects of Transcranial Magnetic Stimulation on EEG Activity", <i>IEEE transactions on Magnetics</i> , <b>2002</b> , 38(5), 3347-3349, XP 011075410	
/CDH /	<b>112</b>	Pascual-Leone, A. et al., "Rapid-Rate Transcranial Magnetic Stimulation of Left Dorsolateral Prefrontal Cortex in Drug-Resistant Depression", <i>The Lancet</i> , <b>1996</b> , 18, 233-237	
/CDH /	<b>113</b>	Sommer, M. et al., "Increased Transcranial Magnetic Motor Threshold after ECT", <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2002</b> , 252, 250-252	
<b>EXAMINER</b>	/Christine D. Hopkins/		<b>DATE CONSIDERED</b> 07/21/2008